

Title (en)

ANTIGEN SPECIFIC TREGS AND RELATED COMPOSITIONS, METHODS AND SYSTEMS

Title (de)

ANTIGENSPEZIFISCHE TREGS SOWIE ENTSPRECHENDE ZUSAMMENSETZUNGEN, VERFAHREN UND SYSTEME

Title (fr)

TREG SPÉCIFIQUES D'UN ANTIGÈNE ET COMPOSITIONS, PROCÉDÉS ET SYSTÈMES ASSOCIÉS

Publication

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Application

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Priority

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- US 2011037476 W 20110520

Abstract (en)

[origin: US2011287048A1] Antigen specific regulatory T cells are described and related compositions, methods and systems. Methods to generate an antigen specific anti-inflammatory regulatory T cell is provided, the method comprising contacting either a T cell or an antigen presenting cell with a zwitterionic polysaccharide conjugated to the antigen for a time and under condition to generate an antigen specific regulatory T cell that is capable of inhibiting a pro-inflammatory response against the antigen.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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- [X] JANINA MERTENS ET AL: "Streptococcus pneumoniae Serotype 1 Capsular Polysaccharide Induces CD8+CD28- Regulatory T Lymphocytes by TCR Crosslinking", PLOS PATHOGENS, vol. 5, no. 9, 25 September 2009 (2009-09-25), pages e1000596, XP055089830, ISSN: 1553-7366, DOI: 10.1371/journal.ppat.1000596
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Citation (examination)

- TANG Q ET AL: "In Vitro-expanded Antigen-specific Regulatory T cells Suppress Autoimmune Diabetes", THE JOURNAL OF EXPERIMENTAL MEDICINE, ROCKEFELLER UNIVERSITY PRESS, US, vol. 199, no. 11, 7 June 2004 (2004-06-07), pages 1455 - 1465, XP003005045, ISSN: 0022-1007, DOI: 10.1084/JEM.20040139
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